

Application No. 10/518047  
Responsive to the office action dated March 24, 2009

**Amendments to the Claims:**

This listing of claims will replace all prior versions and listings of claims in the application.

**Listing of Claims:**

1. (Currently Amended) A first agent hair treatment composition for a permanent wave agent or for a hair straightening agent comprising:

(a) a long-chain acylsulfonate type of anionic surfactant expressed by the following General Formula I:



(wherein  $R_1CO-$  is a saturated or unsaturated fatty acid residue (acyl group) with an average carbon number of 10 to 22; X is  $-O-$  or  $-NR-$  (wherein R is a hydrogen atom or an alkyl group with a carbon number of 1 to 3);  $M_1$  is a hydrogen atom, an alkali metal, an alkaline earth metal, ammonium or an organic amine; and n is an integer from 1 to 3);

- (b) a higher alcohol;
- (c) an anionic polymer; and
- (d) a reducing agent or an oxidant,

wherein the combined amount of the component (a) and the component (b) is 0.5 to 10 weight % of the first agent composition, and

the molar ratio of the component (b) to the component (a) is 2 to 10, and  
the first agent composition does not contain a cationic polymer having as a monomer dimethyl diallyl ammonium chloride.

2. (Currently Amended) The first agent hair treatment composition for a permanent wave agent or for a hair straightening agent according to claim 1, wherein the component (c) is contained in the first agent composition in an amount of 0.05 to 3 weight % for the composition.

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3. (Currently Amended) The first agent hair treatment composition for a permanent wave agent or for a hair straightening agent according to claim 1, wherein the component (d) is an reducing agent and its combined contained in the first agent composition in an amount of 1 to 19 weight % for the composition.

4 – 6. (Cancelled).